Table 1: April 15, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
1.0	Escuadra /Cooper	• Analyzing TRMM data. (Anselmo, Hess, Lee, Spence, Weaver) • Preparing presentation for CERES Science Team meeting on DAC updates and how they are handled by SS1. (Anselmo) • Continue updates as needed to SS1 for EOS-AM1 processing. (Anselmo, Cooper, Escuadra, Hess, Rodier) • Creating package needed for CERESLIB for Read_IES routine. (Spence) • Working on updates to the Solar_Angle program to handle missing attitude data. (Nguyen) • Working on getting information necessary to create plots similar to the ERBE V3 data plots. (Hess, Nguyen) • Continue monitoring TRMM operations. (Hess, Weaver) • Working with other subsystems to customize the generalized HDF read routines for their use. (Lee, Spence) • Working on changes to Level-0 Interface for EOS-AM1 data. Changes needed due to how ToolKit handles EOS-AM1 data vs. TRMM data. (Cooper) • Made changes to instrument environment script and input file creation scripts to use DAAC defined environment variables for Production Strategy, CCcode, SWsccr and DATAsccr. These new versions of scripts are now being tested at the DAAC. (Cooper)	

Table 1: April 15, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
2.0	Chang	• Worked with Richard Green and Norman Loeb on testing the new spectral correction coefficients. (Chang) • Created a testing area at /QA on thunder, modified scripts, generated new spectral correction coefficients file, and ran 98/01 and 98/03 v19 preES-8 files through SS2. (Chang) • Ran 98/01 EID-6 files through SS3 at /QA on thunder for Dave Young to see the effects of the latest spectral correction coefficients. (Chang) • Generated a month of 98/01 ES-8 HDF-EOS files at /QA on thunder for Kory Priestley. (Chang) • Moved the latest spectral correction coefficients file NIISCTRM.19980403 to samantha, modified SS2 PCF input file generator gen_pcf.CER2.2_input, and delivered both to the DAAC on 4/03/98 for production runs. (Chang) • Modified CER2.2 scripts to include ES-8 HDF-EOS generator. (Chang) • Created CER2.4P1 for first day of month to use its previous month's snow map file and CER2.4P2 for last day of month to use its next month's snow map file to create the overlap data files so that the overlap data files for a month would be created with the same snow map file as the monthly EID-6 files for an SS3 monthly run. (Chang) • Modified all scripts, PCF generators that were affected by the changes made to how the overlap data files were to be created. CER2.2P1 was removed from CER2.2, CER3.1 was written to invoke CER2.4P1 and CER2.4P2 so that the overlap data files can be created before running CER3.2. (Chang)	

Table 1: April 15, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
2.0	Chang	• Modified/wrote listing code, HTML interfaces, and the CGI programs needed to make the following ancillary input data products available over the Web: Spectral Correction Coefficients, Angular Distribution Models (ERBE format), Thresholds, Processing and Control Parameters, Subsystem 3 Directional Models. The ancillary input data are now available at both the CERES Data Validation Web site and the test data Web site. (Flug) • Modified SS2.1P1 to use input parameters for Configuration code and Production Strategy code. (Kizer) • Discovered invalid 5-deg and 10-deg nested data in ES-4 HDF-EOS as well as ES-4 binary files. The invalid values were printed and sent to Dave Young to track origin. (Snell) • Modified all metadata routines in ERBE-like programs to list input file names in the metadata files. (Snell) • Working on ES-9 HDF PGE. (Snell)	
3.0	Chang	• Combined with above.	
4.1	Murray	• Identified Cloud identification modes for the cloud mask algorithm for January 5, 1998. (Sun-Mack) • Identified and fixed a problem with the production of CRH Update files. (Sun-Mack) • Tracked and identified causes for failures in the Cloud Mask algorithm. (Sun-Mack) • Began studying existing modules for the MODIS data. (Sun-Mack) • Completed delivery of the subsystem code to CM. Facilitated CM work, SSIT, Production Testing. (Murray) • Integrated radiance range checking code into cloud property retrieval code. (Murray) • Modified the subset code to output the correct scanlines for a given region. (Murray) • Began testing of the Subsystem code on blizzard using the SGI7.2 compiler. (Murray)	
4.2	Murray	• Combined with above.	

Table 1: April 15, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
4.3	Murray	• Combined with above.	
4.4	McKinley	• Delivered code to handle geodetic inputs and missing effective pressures to CM on April 1, 1998 and DAAC April 2, 1998. (Miller) • Continued validation of the TRMM SSF using DX including answering Ms. Geier questions. (Miller) • Tested SS4.4 using SGI 7.2 FORTRAN 90 compiler. There still seems to be a problem with references an element of a structure array. (Miller) • Successfully tested increasing the viewing zenith angle to 80 degrees on January 5, 1998 data (all 24 hours). (Miller) • Continued reviewing the SSF User's Guide. (Miller) • Developing convolution web page. (Dunton, Miller)	
4.5	Nolan	• Completed Subsystems 4.5-6 software, Test Plan, and Delivery Memo for the Release 2.3 Delivery to the DAAC. (Franklin and Nolan) • Completed work to add attributes and dimension names on the HDF product. (Franklin) • Initiated work on new Test 5 record HDF SSF file and associated software and documentation. (Franklin and Nolan) • Continued updates to SW Surface Flux Model B (Staylor Algorithm) software. (Nolan)	
4.6	Nolan	• Combined with above.	
5.0	Coleman	• Delivered scheduled update of SS 5.0 code with enhanced QC report to DAAC. (Gupta) • Continued implementing Science Team suggestions into software package to read multiple CRS files. (Gupta)	
7.2	Coleman	• Combined with above.	

Table 1: April 15, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
12.0	Coleman	• Processed GEOS-2 data for January 1998 through subsystem at the SCF and notified the users. (Kizer) • Optimized the MOA_IO routine, MOA_to_TISA, to take less than 1/10th of its original time. Now in testing by the TISA group. (Kizer) • Delivered updated Regrid MOA Subsystem to DAAC. Updates include the ingestion of GEOS-2 data and the improved spatial interpolation of SSM/I data. (Kizer) • Presented plots of improved spatial interpolation of SSM/I data at MOA status meeting on April 2, 1998. (Kizer)	
7.1	Jimenez	• Combined with below.	
8.0	Jimenez	• Combined with below.	
10.0	Jimenez	• Testing new algorithm that computes precipitable water beneath the cloud. (Jimenez) • Met with Dave Young regarding the new spectral albedo directional models. Began implementation of these models. (Jimenez) • Received new PMOA files from Ms. McKoy and began testing with these new inputs. (Jimenez) • Continued developing access routines to be called during processing of Subsystem 10 to generate data files for Web plots. (Jimenez, Raju) • Working on evaluation code to compare computed output with expected output during SSI&T. (Raju)	

Table 1: April 15, 1998 - Subsystem Status.

SS No.	SS Lead	Status	Problems
6.0	McKoy	• Mr. Kizer provided TISA Gridding with an improved version of the MOA_to_TISA routine. It is anticipated that this change will cut the processing time of PMOA by half. (McKoy, Kizer) • Updated the PCF ASCII input file generator for the Post-MOA processor (PGE9.1) to allow for a range of regions to be processed to be passed in as input via the PCF. In the event that the job is stopped or killed, the job can be restarted from the region it last processed. (McKoy) • Looking at the TISA Gridding software that was delivered for the 30-day test for the SSF hours that failed. (McKoy) • Working on the read software for the TISA Gridding products. She has completed the software to create a binary monthly FSW from the HDF monthly FSW. (Nguyen)	
9.0	McKoy	• Combined with above.	
11.0	Stassi/ Fan	• Completed initial version of the GGEO post-processor QC report. Started working on QC report for the main-processor. (Fan) • Corrected an error in the GOES-East infrared dump program. Reran the program to dump the January 1998 GOES-8 data. (Stassi, Fan) • Extracting the satellite-specific calibration tables from the source code to GGEO ancillary data files. (Stassi)	
CERESlib Stassi/ Fan		• Compiling another version of CERESlib with the SGI 7.2 F90 compiler in 64-bit mode. (Stassi)	
CM	Ayers	• Tested and delivered CERES Subsystems 4.1 - 4.4 (Clouds), 5.0 (Instantaneous SARB), 4.5 & 4.6 (Inversion), and 12.0 (MOA). (Ayers)	
IST	Flug	• Added the capability to view the quarterly beta angle reports.	